

METHOD OF EVALUATING TEST CASES IN A SIMULATION
ENVIRONMENT BY HARVESTING

ABSTRACT

5 The invention presents a method for selecting test cases in a test simulation of logic designs
to improve speed and effectiveness of such testing. The method for selecting such test cases after
such test cases are generated includes generating a test-coverage file and a harvest-goals file for the
test case. The harvest-goals file contains a list of events and initial goal for each event. Harvest
criteria is used to determined whether the number of hits for each event meets the initial goal. By
10 applying the harvest criteria to the test case, it is determined whether to harvest the test case. The
test case is saved and identified for harvest, if the test case is determined to be harvested. Also, the
harvest-goals file is adjusted, if the test case is determined to be harvested.